Docket No. RTSP-0100

## **Declaration and Power of Attorney For Patent Application English Language Declaration**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

the specification of which  (check one)  is attached hereto.  was filed on		if plural names are	ventor (if only one name is listed beloud listed below) of the subject matter wentitled	, , ,
(check one)  is attached hereto.  was filed on as United States Application No. or PCT International Application Number and was amended on (if applicable)  I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.  I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.  I hereby claim foreign priority benefits under Title 35, United States Code, Section 119(a)-(d) or Section 365(b) of any foreign application(s) for patent or inventor's certificate, or Section 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate or PCT International application having a filing date before that of the application on which priority is claimed.  Prior Foreign Application(s)  Priority Not Claimed  (Number)  (Country)  (Day/Month/Year Filed)	ANTISENSE MODULATI	ON OF TRADD EXP	RESSION	
Solution   State   State	the specification of which	ch .		
as United States Application No. or PCT International Application Number and was amended on (if applicable)  I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.  I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.  I hereby claim foreign priority benefits under Title 35, United States Code, Section 119(a)-(d) or Section 365(b) of any foreign application(s) for patent or inventor's certificate, or Section 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate or PCT International application having a filing date before that of the application on which priority is claimed.  Prior Foreign Application(s)  Priority Not Claimed  (Number)  (Country)  (Day/Month/Year Filed)	(check one)			
Application Number and was amended on (if applicable)  I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.  I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.  I hereby claim foreign priority benefits under Title 35, United States Code, Section 119(a)-(d) or Section 365(b) of any foreign application(s) for patent or inventor's certificate, or Section 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate or PCT International application having a filing date before that of the application on which priority is claimed.  Prior Foreign Application(s)  Priority Not Claimed  (Number)  (Country)  (Day/Month/Year Filed)	☑ is attached hereto.		·	
I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.  I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.  I hereby claim foreign priority benefits under Title 35, United States Code, Section 119(a)-(d) or Section 365(b) of any foreign application(s) for patent or inventor's certificate, or Section 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate or PCT International application having a filing date before that of the application on which priority is claimed.  Prior Foreign Application(s)  Priority Not Claimed  (Number)  (Country)  (Day/Month/Year Filed)	□ was filed on		as United States Application No	. or PCT International
I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.  I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.  I hereby claim foreign priority benefits under Title 35, United States Code, Section 119(a)-(d) or Section 365(b) of any foreign application(s) for patent or inventor's certificate, or Section 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate or PCT International application having a filing date before that of the application on which priority is claimed.  Prior Foreign Application(s)  Priority Not Claimed  (Number)  (Country)  (Day/Month/Year Filed)	Application Number			
I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.  I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.  I hereby claim foreign priority benefits under Title 35, United States Code, Section 119(a)-(d) or Section 365(b) of any foreign application(s) for patent or inventor's certificate, or Section 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate or PCT International application having a filing date before that of the application on which priority is claimed.  Prior Foreign Application(s)  Priority Not Claimed  (Number)  (Country)  (Day/Month/Year Filed)	and was amended o	on		
I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.  I hereby claim foreign priority benefits under Title 35, United States Code, Section 119(a)-(d) or Section 365(b) of any foreign application(s) for patent or inventor's certificate, or Section 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate or PCT International application having a filing date before that of the application on which priority is claimed.  Prior Foreign Application(s)  Priority Not Claimed  (Number)  (Country)  (Day/Month/Year Filed)			' (if applicable)	
known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.  I hereby claim foreign priority benefits under Title 35, United States Code, Section 119(a)-(d) or Section 365(b) of any foreign application(s) for patent or inventor's certificate, or Section 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate or PCT International application having a filing date before that of the application on which priority is claimed.  Prior Foreign Application(s)  Priority Not Claimed  (Number)  (Country)  (Day/Month/Year Filed)	<del>-</del>			identified specification,
Section 365(b) of any foreign application(s) for patent or inventor's certificate, or Section 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate or PCT International application having a filing date before that of the application on which priority is claimed.  Prior Foreign Application(s)  Priority Not Claimed  (Number)  (Country)  (Day/Month/Year Filed)  (Day/Month/Year Filed)	known to me to be m		•	
(Number) (Country) (Day/Month/Year Filed)  (Number) (Country) (Day/Month/Year Filed)	Section 365(b) of any any PCT International a listed below and have a inventor's certificate or	foreign application( application which de also identified below PCT International a	s) for patent or inventor's certificate signated at least one country other to by checking the box, any foreign a	e, or Section 365(a) of than the United States, pplication for patent or
(Number) (Country) (Day/Month/Year Filed)  (Number) (Country) (Day/Month/Year Filed)	Prior Foreign Applicatio	n(s)		Priority Not Claimed
(Number) (Country) (Day/Month/Year Filed)			<u>.                                    </u>	
	(Number)	(Country)	(Day/Month/Year Filed)	
	(Number)	(Country)	(Day/Month/Year Filed)	
	(Number)	(Country)	(Day/Month/Year Filed)	

I hereby claim the benefit unde application(s) listed below:	r 35 U.S.C. Section	119(e)	of any	United	States	provisional
(Application Serial No.)	(Filing Date)	<del></del>			·	
(Application Serial No.)	(Filing Date)					
(Application Serial No.)	(Filing Date)					

I hereby claim the benefit under 35 U. S. C. Section 120 of any United States application(s), or Section 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. Section 112, I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, C. F. R., Section 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application:

PCT/US99/19614	August 25, 1999	Pending
(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned)
09/143,212	August 28, 1998	Patented
(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned)
(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. (list name and registration number)



Herb Boswell, Reg. No. 27,311 Laurel Spear Bernstein, Reg. No. 37,280 Robert S. Andrews, Reg. No. 44,508 April Logan, Reg. No. 33,950 Neil S. Bartfeld, Reg. No. 39,901

of the firm

Isis Pharmaceuticals, Inc. - Carlsbad Research Center 2292 Faraday Avenue Carlsbad, California 92008

Send Correspondence to:

Jane Massey Licata or Kathleen A. Tyrrell

Licata & Tyrrell P.C. 66 E. Main Street

Marlton, New Jersey 08053

Direct Telephone Calls to: (name and telephone number)
Jane Massey Licata or Kathleen A. Tyrrell - (856) 810-1515

Full name of sole or first inventor Brett P. Monia		-21
Sole or first inventor's signature	2	2/1/01 Date
Residence La Costa, California	· · · · · ·	
Citizenship US		
Post Office Address 7605 Nueva Castilla Way		
La Costa, California 92009		

Second inventor's signature	Date // // /
Residence Carlsbad, California	1777
Citizenship US	
Post Office Address 3008 Newshire Street	